ASSAP MOPS Group Meeting Minutes #23

The attendees included the following:

Last Name	First Name	Organization
Bachman	Larry	JHU - APL
Bulger	Chip	FAA
Burns	Bob	Engility Corp, FAA TC
Eich	Tom	ACSS
Eftekari	Robert	MITRE/CAASD
Hammer	Jonathan	MITRE/CAASD
Meyers	Jeff	FAA
Kirk	Dan	MITRE
Levitt	Ian	FAA WJHTC
Moody	Chris	MITRE
Ramdeen	Steve	FAA
Riley	Bill	ALPA
Sleight	Randy	FAA/JHU APL
Walker	Don	Honeywell

The ASSAP MOPS group meeting, on 15 Jan 2008, started at 9:15 am (EST).

1. Agenda
    a. Local activity/dining information (Gary Furr)
    b. Test scenario/simulation status (Robert Eftekari)
    c. Page-by-page review of the MOPS draft
    d. Review Table 2-1, 2-2
    e. ASSAP/CDTI Coordination Meeting

2. Test scenario/simulation status (Robert Eftekari)
    a. 99% completed. **MITRE** will distribute the test scenarios to the vendors by the end of the week. The **VENDORS** need to provide their plans for testing/verifying the data.

3. Page-by-page review of the MOPS draft
    a. Section 2.2
        i. A/V air/gnd state: Potential issue for smaller aircraft that may be transmitting airborne position when they are actually on the surface. No change to the I/O requirements at this time; will discuss with the CDTI group.
        ii. **Larry** will write a general description on the various ADS-B and TIS-B links.
        iii. **Jonathan** will add an appendix describing track angle errors based on velocity quality errors.
    b. Appendix E:
        i. **Jonathan** will review and clean-up the CD appendix off-line.
    c. Appendix F:
        i. F2.2.2: The EV App algorithm was tested based on the MASPS' NACp minimum threshold of 7. **Robert** should re-run the test based on the new minimum threshold, NACp = 6.

4. Document Punch List
   a. (**Robert/Chris**) The report assembly terminology should be made consistent in Appendix C.
   b. (**Chris**) Remove any references in Appendix C for minimum acceptable values based on EV Acq or EV App.

5. ASSAP/CDTI Coordination Meeting
   a. Discuss A/V air/gnd state based on receiving either airborne or surface position messages. Issue regarding small aircraft that may be transmitting airborne messages when they are actually on the surface.
      i. ASSAP will not handle the determination between A/V air/ground state other than based on receiving either air or surface position reports. **This needs to be added to the assumptions section.**
   b. Global change: suggest changing "optional" requirements to "if implemented then…"
      i. CDTI group agreed.
   c. Traffic altitude (2.2.2.5.1.10): Should relative altitude be the minimum? Currently the requirements allow for either relative altitude or actual altitude to be provided to the CDTI.
      i. CDTI group prefers that the requirements remain as is which allows for either.
   d. Map orientation (true versus mag). As a minimum, ASSAP is providing ownship and traffic true track angle for traffic orientation and directionality. Is there an issue that magnetic track angle is not being provided?
      i. The CDTI group agreed the true track angle is sufficient and the requirements should remain as is.
   e. Velocity versus ground speed and true track angle. What does the display need ?
      i. The CDTI requires true track angle and Ground speed. The I/O section will remove the velocity requirements.
   f. Review comments in section 1, 2.1, 2.3.
      i. Figure in section 1.2.1 needs to add inputs for ADS-R.
      ii. **The ASSAP group will create a separate section for ASSAP's assumptions.**
   g. Better alignment between the ASSAP and CDTI test sections.
      i. Both Groups are ok with different formats between the two sections.
   h. Dean's comments 5-12
      i. **Don** will add requirements in ASSAP for airport map availability.
   i. Appendix G: Tractability matrix; is this required?
      i. No, **Chris** will remove this section.
   j. Do we need to number all shalls?
      i. Yes, it will be done before FRAC submittal.

6. Future Telecons and Meetings
    a. Combined ASSAP and CDTI telecon on Feb 19th. Noon Eastern (all
       afternoon). CDTI group will provide Chris an update the CDTI MOPS
       sections by the 6th. Chris will distribute the MOPS document by the 8th
       for review before the telecon. Chris will distribute another update on Feb
       25th for the next group meeting. Future group meetings will be joint
       CDTI/ASSAP meetings.
    b. Next Group Meetings:
        i. 11-14 Mar 08 at RTCA; DC
        ii. 21-24 Apr 08 at RTCA; DC

7. Group Meeting Ended 17 Jan 08; 5PM.